

Department of Dairy Science and Technology

Program Outcomes, Program Specific Outcomes

Programme Outcomes: B. Sc Dairy Science

Department of Dairy Science	After successful completion of three year degree program in Dairy Science Outcomes are as below
Programme Outcomes	<ul style="list-style-type: none">• Programme creates interest amongst students in dairy farming.• Programme creates interest amongst students in animal husbandry and dairy technology practices.• Programme develops skill amongst students in Indian and western dairy Product manufacturing technology.• Programme creates ability amongst students for entrepreneurship development in dairy sector.
Programme Specific Outcomes	<ul style="list-style-type: none">• Gaining the knowledge of Dairy Science and technology through theory and practical's.• Explains Methods of manufacturing of dairy products.• Understanding of Marketing of milk and milk products.• Gain knowledge of Animal management practices.• Understand good laboratory practices and safety.• Develop research oriented skills.• Make aware to handle the instruments and equipments.

B.Sc. F.Y.

Course Details	Outcomes of the Course
Paper I Dairy Farm Management	On successful completion of the course, students will be able to, Students gain knowledge of principles. Students gain knowledge of tools of management. They learn functions of management. They also learn about management practices of Cattle, Buffalo, Goat and Poultry.
Paper II Market Milk Industry	Students will study about methods of milk Collection, different modes of transportation of milk, processing of milk and marketing of milk and milk products.
Paper-IV Livestock Health and Hygiene	Student will study ... Symptoms of diseases, Treatment, Prevention and Control measures of diseases of livestock.
Paper-V Dairy Processing and Engineering	Student learns different techniques of processing of milk like homogenization, pasteurization and standardization of milk and milk products.

B.Sc. S.Y.

Course Details	Outcomes of the Course
Paper – VII Animal Nutrition	On successful completion of the course, students will be able to, Student gain knowledge about roughages, concentrates and nutrients required for growth of different animals. Students will be able to prepare ration by process of computation and can formulate balanced diet for animals.
Paper – VIII Indian Dairy Products	Student learn technology of manufacturing of Indian dairy products and traditional dairy products. Students will gain knowledge of standardization of milk and milk products.
Paper – XI Feed Processing	Students learn about conventional and non conventional feeds, their processing, formulation and their use in animal feed stuff.
Paper – XII Cheese and Fermented Milk Products	Students learn about increasing demand of western dairy product- cheese and other fermented dairy products, Their types, Methods of manufacturing with flow charts.

<u>B.Sc. T.Y.</u>	
Course Details	Outcomes of the Course
	On successful completion of the course, students will able to,
Paper – XV Animal Reproduction and AI	Students gain knowledge of anatomy and physiology of male and female reproductive systems of cow and buffalo. They learn techniques of pregnancy diagnosis, methods of semen collection, Preparation of artificial vagina and artificial insemination techniques.
Paper – XVI Ice-cream and fat rich dairy products	Students learn about ingredients required, their selection, figuring, mixing, hardening and storage. Students manufacture different types of ice cream and different fat rich dairy products.
Paper – XIX Genetics and animal breeding	Creation of awareness about terminologies used in genetics. They learn about different types of animal breeding with their advantages and disadvantages.
Paper XX Condensed, dried milks and by-products	Students acquire knowledge of preparation of different types of condensed milk and milk by-products with their manufacturing details.

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